Institutionen för data- och systemvetenskap (DSV)

Stockholms universitet

Kursplan

för kurs på forskarnivå

Etik i data- och systemvetenskaplig forskning **5.0 Högskolepoäng**

Ethics in Computer and Systems Sciences Research **5.0 ECTS credits**

Kurskod:	ML3FU21
Gäller från:	VT 2017
Institution	Institutionen för data- och systemvetenskap

Förkunskapskrav och andra villkor för tillträde till kursen

Accepted for PhD studies.

Lärandemål

The student will develop a competence to – systematically and theoretically grounded – reflect on ethical issues in all phases of their research process. They will also be able to apply both Swedish and international ethical guide-lines concerning agreements and mutual understanding of the purpose with the study, integrity, how to search permission for registers (and in relevant cases) research on human beings, protection of sources, range of use of information etc.

Innehåll

The course focuses on a) ethical guidelines and ethical dilemmas in social sciences and computer and systems science research b) philosophical perspectives on ethical issues.

The student will develop a competence to – systematically and theoretically grounded –reflect on ethical issues in research.

Course structure
Seminars
1. Introduction to Research Ethics
2. Philosophical perspectives on ethical issues
3. Ethical guidelines in computer and systems sciences research
4. Final presentations and sum-up

Student assignments
1. Paper focusing on a critical dilemma in the student's own research in relation to the presented model for ethical dilemmas.
2. Presentation concerning how a DSV dissertation (chosen by the student) has dealt with ethical matters.
3. Summary of a paper on research ethics in the Computer and Systems Sciences domain.
4. Each student chooses a book to read and writes a short paper to reflect on their own, earlier presented, ethical standpoints.

Literature
Oliver, P. (2010). The student's guide to research ethics. McGraw Hill Education (UK). 2nd edition.
Sandler, R. L. (Ed.). (2013). Ethics and Emerging Technologies. Palgrave Macmillan.
Relevant DSV dissertations (students choose one)
Students' own papers, dissertation drafts etcetera

The above literature list may be subject to changes.

Obligatoriska moment

Seminars
1.Introduction to Research Ethics
2.Philosophical perspectives on ethical issues
3.Ethical guidelines in computer and systems sciences research
4.Final presentations and sum-up
Student assignments
1.Paper focusing on a critical dilemma in the student's own research in relation to the presented model for ethical dilemmas.
2.Presentation concerning how a DSV dissertation (chosen by the student) has dealt with ethical matters.
3.Summary of a paper on research ethics in the Computer and Systems Sciences domain.
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Examinationsformer

Examination takes place a) during seminar discussions and b) by examining individual papers. The following marks can be given: Pass (P) or Fail (F) respectively.

Arbetsform

The course will be carried out by way of self-studies, lectures and seminars.